

Abstract

The invention relates to a method for the production of catalytically active layer silicates with one or more intermediate layers, especially Al and/or Ti-pillared clays, wherein a metal solution is added to the layer silicate and the mixture is dried, thereby producing metal atom columns supporting the corresponding intermediate layer. A metal salt is admixed dry to the resulting dry substance. The ensuing dry mixture is finally heated so that the metal atoms or the transition metal atoms become deposited in the intermediate layer.